

THUSARA SARATH

Software Engineer

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PROFESSIONAL PROFILE

This is a summary of what I bring to the company and why I am super awesome in every position facet imaginable by the feeble human mind in its endless struggle to convince itself of any form of self-worth amongst a sea of insignificance.

EXPERIENCE

Software Developer – *NeuronicWorks Inc.*

2015-Present

This should be a summary of what I did at NW. something impressive lmao.

- JIRA issue tracking, GIT version control.
- C#/++
- Requirements analysis and software prototyping (?) based on project timeline/budget
- Another point
- Another one

Co-Founder & Lead C++ Developer – *FFsplit*

2012-2015

Designed and implemented a software solution for desktop content streaming with over 20,000 downloads.

- Rapid software development (RAD) using Bitbucket revision control in C++/C#.
- Considerably minimized CPU usage by converting older API code into efficient DirectX code.
- Created a DirectShow plugin that interfaced with the popular FFmpeg open source library.
- Added multithreading support to increase software scalability and improve performance on higher end CPUs. (200%+ performance increases acquired).
- Communicated with thousands of end-users and aggregated user feedback and bug reports.

Hardware Engineer – *Some example*

2014-2015

Designed and implemented a software solution for desktop content streaming with over 20,000 downloads.

- Rapid software development (RAD) using Bitbucket revision control in C++/C#.
- Considerably minimized CPU usage by converting older API code into efficient DirectX code.
- Created a DirectShow plugin that interfaced with the popular FFmpeg open source library.
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SKILLS

- Programming: C/C++, C#, Java, JavaScript, CSS
- Other: Assembly, MATLAB, VHDL, Joomla CMS

EDUCATION

- Bachelor of Computer Engineering – Ryerson University 2015
- International Baccalaureate (IB) Diploma – Victoria Park Collegiate Institute 2008

HOBBIES / INTERESTS

- Some random hobbies that stuff that I like to do
- Another example of a hobby